



BASE PLATE GROUT KIT

DESCRIPTION:

BASE PLATE GROUT KIT is a three component, high strength, epoxy mortar system designed for grouting machinery base plates.

APPLICATIONS:

Grouting machinery base plates.
Filling large voids.

ADVANTAGES:

Excellent Bond Strengths
High Compressive Strength
Resists Shock and Vibration
Flows Under Base Plates
Good Chemical Resistance

CONFORMS TO:

ASTM C-881
Type I, II, IV, and V
Grade 3
Class B & C

PACKAGING:

1-1/2 Gallon Epoxy
87 Lb. Bag of Aggregate
Yields .75 Cubic Feet

PHYSICAL PROPERTIES AT 77°F (25°C):

MIX RATIO A:B (Epoxy) 2:1 By Volume

VISCOSITY (Epoxy plus Aggregate) Flowable Mortar

COLOR (Epoxy) Amber

POT LIFE	100 gram	1 gallon	Tack Free (1")
90° F (32° C)	45 min	35 min	2 hrs
73° F (23° C)	1 hr, 30 min	1 hr	3 hrs
50° F (10° C)	4 hrs	3 hrs	8 hrs

COVERAGE .75 cubic feet

TEST DATA (STRENGTHS REPORTED IN P.S.I.)

COMPRESSIVE STRENGTH	ASTM D-695	12,000
COMPRESSIVE MOE	ASTM D-695	2.85 x 105

TENSILE STRENGTH	ASTM D-638	2,250
TENSILE MOE	ASTM D-638	1.17 x 106

BOND STRENGTH	2 DAY	ASTM C-882	2,830
	14 DAY		3,280

ELONGATION	ASTM D-638	.8%
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SHORE HARDNESS	D SCALE	85
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APPLICATION TECHNIQUES:

MATERIAL CONDITIONING: Pre condition materials 65° - 85° F (19° - 30° C) before using.

SURFACE PREPARATION: Surface must be clean and free of any dust, oil, grease, laitance, curing compounds, or any other contaminants. This should be achieved by sandblasting, waterblasting, or some other mechanical means.

MIXING CONSIDERATIONS: Pour entire contents of components "A" and "B" into a mixing container. Mix epoxy for two minutes using a low speed drill with a mixing paddle (never mix by hand). Scrape the sides and bottom of the pail while mixing. Pour mixed epoxy into 7 gallon or larger capacity pail or mortar mixer. Add aggregate and mix until a uniform consistency is achieved. **Withhold 5-10 lbs. of aggregate from first batch to prime the mortar mixer with epoxy.**

INSTALLING MATERIAL:

Pour the mixed mortar into the forms. Be sure not to entrap air in the forms by making sure the material flows from one side to the other. Place sufficient mortar to make intimate contact with underside of base plate. Make sure all forms are properly sealed to eliminate leakage of epoxy resin.

LIMITATIONS:

Do not use solvents to thin.
Minimum application temperature is 40° F (5° C).
Minimum age of concrete must be 21-28 days.
Do not batch mix. Use entire kit.
For applications over 3" thick, consult technical service department.
Forms a vapor barrier after cure.

STORAGE:

We recommend storage in a dry environment at temperature between 40° to 90° F (4° to 32° C). Ideally, storage temperature should be at 65° to 75° F (18° to 24° C). Temperatures below 60° F (16° C) will cause epoxy to thicken making it difficult to properly blend the components. Under proper conditions, the shelf life is twelve (12) months in unopened, damage-free containers.

PROTECT FROM MOISTURE. DO NOT ALLOW PRODUCT TO FREEZE.

WARNINGS:

"A" material may cause skin irritation. Contains epoxy resins.
"B" material may cause severe burns on skin. Contains amines.

FIRST AID:

Skin Contact - Wipe off contaminated area and wash with soap and water.
Eye Contact - Immediately flush eyes with large amounts of water for 10 minutes. Get medical attention.
Inhalation - Move to fresh air if symptoms occur. If breathing is difficult, get medical attention.
Ingestion - If conscious give two glasses of milk or water. Get medical attention.
See MSDS for more information.

CLEAN UP:

Clean equipment with MEK or Xylene immediately after use. Observe product cautions when using solvents. Clean skin with soap and water. Wash contaminated clothing before re-use.

WARRANTY:

Prime Resins warrants its products to be free from manufacturing defect and that products meet the published characteristics when tested in accordance with ASTM and Prime Resins standards. No other warranties by Prime Resins are expressed or implied, including no warranty of merchantability or fitness for a particular purpose. Prime Resins will not be liable for damages of any sort resulting from any claimed breach of warranty. Prime Resins' liability under this warranty is limited to replacement of material or refund of sales price of the material. There are no warranties on any product that has exceeded the "shelf life" or "expiration date" printed on the package label.

If you have any questions or comments about any of Prime Resins products or application techniques you may contact us directly at 800-321-7212, Monday through Friday 8:00 A.M. to 5:00 P.M. E.S.T.

TDS - BP3800 - 07/05



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